



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 7-29-04 Signature: Carol Mitchell  
(Carol Mitchell)

Docket No.: 92717-00345USP1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Oscar A. Chappel

Application No.: 10/690257

Group Art Unit: 3626

Filed: October 21, 2003

Examiner: Not Yet Assigned

For: METHOD OF AND SYSTEM FOR RULES-BASED POPULATION OF KNOWLEDGE BASE USED FOR MEDICAL CLAIMS PROCESSING

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

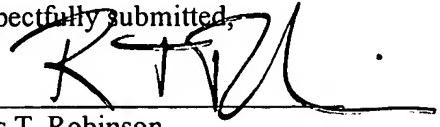
1. Information Disclosure Statement (2 pages);
2. IDS (Citation) by Applicant (2 pages); and
3. Acknowledgment Postcard.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

application by this firm) to our Deposit Account No. 10-0447, under Order No. 92717-00345USP1. A duplicate copy of this paper is enclosed.

Dated: July 28 2004

Respectfully submitted,

By 

Ross T. Robinson

Registration No.: 47,031  
JENKENS & GILCHRIST, A PROFESSIONAL  
CORPORATION  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202  
(214) 855-4500  
Attorneys For Applicant



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 7-23-04

Signature:

*Carol Mitchell*  
(Carol Mitchell)

Docket No.: 92717-00345USP1  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Oscar A. Chappel

Application No.: 10/690257

Confirmation No.: 3421

Filed: October 21, 2003

Art Unit: 3626

For: METHOD OF AND SYSTEM FOR RULES-BASED POPULATION OF KNOWLEDGE BASE USED FOR MEDICAL CLAIMS PROCESSING

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any

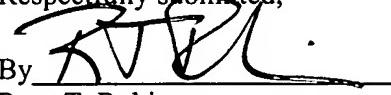
patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

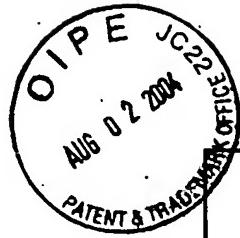
The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 92717-00345USP1. A duplicate copy of this paper is enclosed.

Dated: July 28, 2004

Respectfully submitted,

By   
Ross T. Robinson

Registration No.: 47,031  
JENKENS & GILCHRIST, A PROFESSIONAL  
CORPORATION  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202  
(214) 855-4500  
Attorneys For Applicant



Substitute for form 1449/PTO				<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/690257-Conf. #3421
(Use as many sheets as necessary)				Filing Date	October 21, 2003
				First Named Inventor	Oscar A. Chappel
				Art Unit	3626
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	92717-00345USP1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
	A1	US-2003/0078813	04-24-2003	Haskell et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					T

**\*EXAMINER:** Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **<sup>1</sup>** Applicant's unique citation designation number (optional). **<sup>2</sup>** See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **<sup>3</sup>** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **<sup>4</sup>** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **<sup>5</sup>** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **<sup>6</sup>** Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials'	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	C1	Digital Business Office Architecture; 2001 The Technical Resource Connection, Inc.; 1 Page.
	C2	Tips for Clean Claims for Institutional Providers; 3 Pages.
	C3	Health Claims for Equivalent Encounter Information; HCFA Uniform Bill-92 (UB-92), Version 4.1; 28 Pages.
	C4	New Area PPO Puts Emphasis on Claims Service; ALAN MOORSE; Capital District Business Review; 2 Pages.
	C5	Object Oriented Programming; A Guide for the Beginner- from Modula-2 to Java; 9 Pages.
	C6	Rules Based Systems Fuzzy Logic Expert Systems Forwards and Backwards Chaining Pattern Matching Imperative and Declarative Programming; GAURAV SHARMA et al.; 13 Pages.
	C7	AMR Health's - AVS Reimbursement System; 3 Pages.
	C8	Introduction; 2 Pages.
	C9	Designing an Expert System; 1 Page.
	C10	Expert System Architecture; 2 Pages.
	C11	Choosing a Problem; 1 Page.
	C12	Knowledge Engineering; 1 Page.
	C13	Exam-like Questions; 1 Page.
	C14	Rules and Expert Systems; 1 Page.
	C15	A Simple Example; 2 Pages.
	C16	Explanation Facilities; 2 Pages.
	C17	More Complex Systems; 1 Page.
	C18	An Expert System Shell in Prolog; 4 Pages.
	C19	MYCIN: A Quick Case Study; 3 Pages.
	C20	Knowledge-Based System; 1 Page.
	C21	Expert System; 1 Page.
	C22	Inference Engine; 1 Page.
	C23	Inference Rule; 1 Page.
	C24	Object Code; 1 Page.
	C25	Rule-Based Systems; 1 Page.



ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet 2 of 2 Attorney Docket Number 92717-00345USP1

**Complete if Known**

Application Number	10/690257-Conf. #3421
Filing Date	October 21, 2003
First Named Inventor	Oscar A. Chappel
Art Unit	3626
Examiner Name	Not Yet Assigned

C26	Forward Chaining Systems; 3 Pages.
C27	Backward Chaining Systems; 2 Pages.
C28	Forwards vs. Backwards Reasoning; 1 Page.
C29	Uncertainty in Rules; 1 Page.
C30	Exam-like Questions; 1 Page.

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------